

**Objection to Declaration**

In the Office Action the Examiner objected to the declaration filed with the application as defective. The Examiner asked that a new declaration be executed that identifies the application number and filing date of the application in compliance with 37 CFR 1.67(a). Additionally, the Examiner requested that the new declaration or application data sheet contain only one post office address for each named inventor. Attached hereto is a new application data sheet in compliance with 37 CFR 1.76 and 1.67(a).

**Objection to Drawings**

In the Office Action the Examiner objected to the drawings because of the absence of arrow heads in Figures 1, 3, 8-11, 16, 17, 19, 21, and 28. The Examiner requested arrow heads be added to these Figures to "show the input or output to each device." The Examiner objected to Figure 19 on the grounds that the shaded area in the middle of the Figure is not readable. The Examiner asked that the explanations on Figures 19-24 be deleted and added to the specification. Figures 22 and 23 were objected to because punch holes obscured the text. Figure 28 was objected to because the text was unreadable. The Examiner requested that the labeling texts in Figures 13 and 14 be inside the elliptic shape devices. Additionally, the Examiner requested that Figures 1-18 be labeled as prior art in light of U.S. Patent No. 6,246,975 and Sumner II et al., "Simulating Patients with Parallel Health State Networks," Proceedings of the American Medical Informatics Association Annual Symposium, p. 438-442, (1998) (hereafter "the AMIA reference"). Attached hereto is a revised set of drawings. Figures 1-18 are not prior art because the present Application and U.S. Patent No. 6,246,975 were, at the time the inventions were made, commonly owned by The American Board of Family Practice, Inc. In addition, the AMIA reference as shown below is not available as a prior art reference. Applicant is in the process of obtaining formal drawings to formalize the above corrections.

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**Rejection Under 35 U.S.C. § 102(b)**

Claims 1-27, 34-37, and 41-43 stand rejected under 35 U.S.C. § 102(b) as being anticipated by the AMIA reference. Applicants respectfully traverse this rejection.

The AMIA reference is ineligible to be used as a § 102(b) and a (§102(a)) against the present application. 35 U.S.C. § 102(b) provides that

A person shall be entitled to a patent unless-  
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States.

The AMIA reference was not a printed publication in this or a foreign country more than one year prior to April 5, 1999, the priority date of the present application.

The Federal Circuit in Constant v. Advanced Micro-Devices, Inc. interpreted “[t]he statutory phrase “printed publication”... to mean that before the critical date the reference must have been sufficiently accessible to the public interested in the art; dissemination and public accessibility are the keys to the legal determination whether a prior art reference was “published.” ... Evidence of routine business practice can be sufficient to prove that a reference was made accessible before a critical date .... Accessibility goes to the issue of whether interested members of the relevant public could obtain the information if they wanted to.” 848 F.2d 1560, 1569 (Fed. Cir. 1988), cert. denied, 488 U.S. 892 (1988).

The AMIA reference is not available as a printed publication until November, 1998, and the present application claims priority to April 5, 1999 which is less than 1 year from the publication date of the AMIA reference.

Documents obtained from the American Medical Informatics Association website (<http://www.amia.org>), which are maintained as AMIA’s routine business practices, demonstrate that a call for paper submissions is made every year between January and March for its Annual Symposium. The Annual Symposium is held in November of the same year. Documents

maintained on American Medical Informatics Association that discuss the annual process of paper submission and publication for the years 1997 through 2002 are attached as Exhibits A-K. Papers submitted in the January to March time frame are reviewed to determine which submissions will be published in November in the AMIA's Proceedings of the American Medical Informatics Association Annual Symposium, a supplement of JAMIA, the Journal of the American Medical Informatics Association. Also attached, as Exhibit L is the AMIA's policy for handling papers submitted for its Annual Symposium.

Papers submitted to the AMIA for inclusion in its Annual Symposium are submitted between January and March. Submitted papers are maintained in confidence, as indicated by the AMIA in Exhibit L. After the March deadline a committee begins the review process to determine which papers will be presented at the Annual Symposium. The Annual Symposium takes place in November of the same year. Authors whose papers are selected for the Annual Symposium are notified in June of that same year. Rejected papers are returned to the lead authors and not accessible by the public. The authors whose papers are accepted are given a predefined period of time to put them in press ready condition. The accepted papers are published in November as a supplemental volume of the JAMIA. The issue is accessible to the public for the first time in November at the start of the Annual Symposium.

Therefore, in light of the AMIA's stated policy, attached as Exhibit L, the AMIA reference only became a printed publication as of November 1998.

The following are excerpts from materials archived on AMIA's web site as routine business practices that discuss how submissions are solicited on an annual basis for publication in the Annual Symposium in November of each year.

Exhibit A. 1997 AMIA. (<http://www.amia.org/meetings/archive/f97/f97ctoc.html>)

Deadline for Submissions: March 20, 1997. p. 1.

Exhibit B. 1997 AMIA (<http://www.amia.org/meetings/archive/f97/f97csrd.html>)

Requirements and Deadlines for Authors. For initial submission, submit camera-ready paper (5 pages) so that AMIA receives it by March 20, 1997. p. 1.

For "reject unless revised" submission, submit final, revised camera-ready paper, so that AMIA receives it by July 11, 1997. p. 1-2.

For accepted papers, submit final camera-ready paper and 3 stapled copies, and electronic file (on disk or by e-mail) so that AMIA receives it by July 18, 1997. p. 2.

Exhibit C. 1997 AMIA (<http://amia.org/meetings/archive/f97/f97cmp.html>)

The Program Committee solicits papers on original research involving theory, applications, and practice of medical informatics. p. 1.

Submit a scientific paper as a five-page manuscript in camera-ready form; for the final (July) submission deadline only. p. 1.

Papers may not be in press or under consideration for publication elsewhere. p. 1.

An interdisciplinary group of referees will review submitted papers and judge them according to content and originality, relevance, organization and clarity, and analysis of context and prior work. Manuscripts may be accepted contingent on changes that respond to reviewers' comments. p. 1.

Authors of accepted papers will have 20 minutes in which to present and discuss their work at the symposium. p. 1.

Paper sessions will be audiotaped, and accepted papers will be published in the AMIA Annual Fall Symposium Proceedings (a supplemental to JAMIA, the Journal of the American Medical Informatics Association), on CD-ROM, and indexed in Index Medicus. p. 2.

Exhibit D. 1998 AMIA ([http://www.amia.org/pubs/access\\_amia/issue6.html](http://www.amia.org/pubs/access_amia/issue6.html))

Communication dated February 6, 1998

Call for participation for AMIA 1998 Annual Symposium Available. The electronic version of the Call for Participation for the AMIA 1998 Annual Symposium can be found on AMIA's Web site at <http://www.amia.org/f98call.htm>. The call is also available via fax through AMIA's Document-on Request service 1-800-819-2334, document #601. A print version of call will also be sent to all AMIA members next week. p. 2.

Exhibit E. 1998 AMIA ([http://www.amia.org/pubs/access\\_amia/issue7.html](http://www.amia.org/pubs/access_amia/issue7.html))

Reminder! Friday March 28, is the deadline for submissions for the AMIA 1998 Annual Symposium in November. Detailed information on submissions is available on the AMIA Web site at <http://www.amia.org/f98call.htm>. p. 1.

Exhibit F. 1999 AMIA (<http://www.amia.org/meetings/archive/f99/call/p6-7.htm>)

All paper, abstract, and proposal attachments to the E-mail Submission Form must: Arrive by Tuesday, March 9, 1999. This is the deadline for all submissions. Authors will be notified of acceptance by mid-June. p. 1.

Exhibit G. 1999 AMIA (<http://www.amia.org/meetings/archive/f99/call/p3.htm>)

The 1999 meeting will begin with tutorials on Saturday and Sunday (November 6-7) followed by three days of program sessions (November 8-10). Final papers, poster abstracts, and theater-style demonstration abstracts will be published in the AMIA Annual Symposium Proceedings, a supplement of JAMIA, the Journal of the American Medical Informatics Association. p. 1.

The AMIA Scientific Program Committee has the responsibility for the final selection of submissions for all categories-papers, panels, posters, theater style demonstrations, tutorials, workshops, and Working Group programs –for AMIA '99. p. 1.

First authors of submissions will be notified by mid-June of acceptance or rejections. p. 1.

Exhibit H. 2000 AMIA

(<http://www.amia.org/meetings/archives/f00/call/instructions.html>)

The submission process for the AMIA 2000 Annual Symposium will be electronic. All submissions must be made via the AMIA Web sites. Submissions will be accepted at the AMIA Web site starting January 3, 2000, and must be submitted not later than March 6, 2000. p. 1.

Your submission must be submitted via the AMIA Web site no later than Monday, March 6, 2000. This is the deadline for all submissions. Authors will be notified of acceptance by mid-June. p. 2.

Exhibit I. 2000 AMIA (<http://www.amia.org/meetings/archive/f00/call/overview.html>)

The AMIA Scientific Program Committee has the responsibility for the final selection of submissions for all categories of presentations – papers, panels, theater-style demonstrations, posters, tutorials and workshops. To facilitate this process, the committee is assisted by an interdisciplinary group of reviewers who will initially evaluate submitted papers and judge them according to content, originality relevance, organization, and clarity. p. 1.

Papers, poster synopses, and theater-style demonstration synopses will be published in the AMIA Annual Symposium Proceedings, as a supplement to the Journal of the American Medical Informatics Association. p. 1.

Exhibit J. 2002 AMIA

Submissions will be accepted at the AMIA Web site starting January 4, 2001, and must be submitted no later than March 8, 2001. p. 4.

The AMIA Scientific Program Committee has the responsibility for the final selection of submissions for all categories of presentations –papers, panels, theater-style demonstrations, posters, case study posters, tutorials and workshops. p. 1.

First authors of submissions will be notified by mid-June of acceptance or rejection. p. 1.

Papers, poster abstracts, and theater-style demonstration abstracts will be published in the AMIA Annual Symposium Proceedings, as a supplement to the Journal of the American Medical Informatics Association. p. 1.

Exhibit K. 2002 AMIA (<http://www.amia.org/meetings/archive/f02/call/submission.html>)

Your submission must be submitted via the AMIA Web site no later than Wednesday, March 6, 2002. This is the deadline for all submissions. Authors will be notified of acceptance by mid-June. p. 2.

Materials can be submitted anytime between January 3 and March 6, 2002. p. 2  
Certain categories of submissions will in fact appear in a print version of the Proceedings, and adherence throughout all categories of submissions ensures a consistency that facilitates the review process and preparation of both electronic and print publications. p. 1.

The present application was filed on April 5, 2000 and claimed priority to U.S.

Provisional Application No. 60/127,850 filed on April 5, 1999. Because the AMIA reference was not a printed publication more than one year before April 5, 1999 it is ineligible as a 102(b) reference against the present application.

As discussed above, the AMIA reference is ineligible as a 102(b) reference against the present application. The present application has priority date of April 5, 1999. The AMIA reference became a printed publication in November 1998, which is well within the one-year grace period granted under 102(b). Withdrawal of the rejection of claims 1-27, 34-37, and 41-43 under 35 U.S.C. § § 102(b) is respectfully requested.

In addition, the AIMA reference is ineligible as a 102(a) reference against the present application. The information described in the AIMA reference relevant to the presently claimed invention is not an invention by “another” as required by 35 U.S.C. § 102(a). A rule 132

Declaration is attached hereto (Exhibit M) that is signed by the inventors confirming that the AIMA reference cannot be a 102(a) reference.

### CONCLUSION

For all the reasons advanced above, Applicants respectfully submit that the rejections have been overcome and should be withdrawn. Issuance of a Notice of Allowance is respectfully requested.

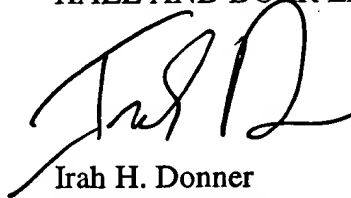
### AUTHORIZATION

The Commissioner is hereby authorized to charge any additional fees that may be required for this Amendment, or credit any overpayment to deposit account no. 80-0219.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to deposit account no. 80-0219.

Respectfully submitted,

HALE AND DORR LLP



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IHD:msc/110346-201 US1  
NY 65630v1



*A Conference of the American Medical Informatics Association*

## CALL FOR PARTICIPATION

**Deadline for Submissions: March 20, 1997**

### **The Emergence of 'Internetable' Health Care. Systems That Really Work**

*October 25-29, 1997  
Opryland Hotel, Nashville, TN*

The American Medical Informatics Association (AMIA) invites your participation at its 1997 Annual Fall Symposium (formerly SCAMC). This symposium is the premier medical informatics conference in the U.S. It provides a forum where those interested in medical informatics present research findings, discuss development efforts, demonstrate software, attend tutorials, and hear leading experts from a wide range of professional groups discuss the current development and future impact of biomedical information systems.

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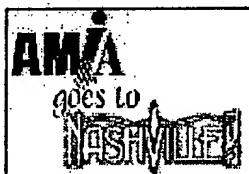
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Page created on: January 9, 1997

**Last updated on: *January 9, 1997***

## Summary of Requirements and Deadlines

This page is available as a table in .pdf (Adobe Acrobat) file format on the [AMIA website](#).

You can download the free Adobe Acrobat reader by clicking on this button:



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### GENERAL INFORMATION

This summary covers requirements and deadlines for each method of presentation. You may submit up to three items as a first author, provided that no more than one item is submitted from any of the following three categories: one scientific paper, one poster/demonstration, and two panel participants.

Deadlines are the dates on which initial submissions or final copy must be received in the AMIA office. Around July 2, 1997, AMIA will mail letters notifying authors of acceptance or rejection.

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### SCIENTIFIC PAPER

(20-minute presentation at AMIA Annual Fall Symposium; paper is audiotaped and published in Proceedings)

- **Requirements and Deadlines for Authors**
  - For initial submission, submit camera-ready paper (5 pages) so that AMIA receives it by **March 20, 1997**:
    - Complete Submittal Form.
    - Prepare paper according to "Guidelines for Submission."
    - Make 8 stapled sets (copy of Submittal Form on top of copy of paper).
    - Keep original; send copies to AMIA.
  - For "reject unless revised" submission, submit final, revised camera-ready paper, so that

o For accepted papers, submit final camera-ready paper and 3 stapled copies, and electronic file (on disk or by e-mail) so that AMIA receives it by **July 18, 1997**.

- o An individual may be first author on only one paper.
- o The Program Committee reserves the right to reject manuscripts that have been changed substantially after peer review.
- o Authors of accepted papers who fail to meet the July 11/July 18 deadline or who exceed space limitations will be dropped from the program.

(poster session or 45-minute presentation at AMIA Annual Fall Symposium; abstract is published in Proceedings)

- For initial submission, submit camera-ready abstract (1 page) so that AMIA receives it by **March 20, 1997:**
  - Complete Submittal Form.
  - Prepare abstract according to "Guidelines for Submission."
  - Make 8 stapled sets (copy of Submittal Form on top of copy of abstract).
  - Keep original; send copies to AMIA.
- For accepted poster/demonstration, submit final camera-ready abstract, 3 copies, and electronic file (on disk or by e-mail), and signed Contributor's Agreement so that AMIA receives it by **July 18, 1997.**

- An individual may be first author on only one submission in this category; for posters, that person should attend the poster session at the AMIA Annual Fall Symposium.
- Authors of accepted abstracts who fail to meet the July 18 deadline or who exceed space limitations will be dropped from the program.

- o For initial submission, submit proposal (2 or 3 pages, any format), so that AMIA receives it by **March 20, 1997**:
  - Complete a separate Submittal Form for each panel participant.
  - Panel organizer should prepare signed statement that each participant has agreed to

take part in panel.

- Prepare proposal (summary and description) according to instructions.
- Make 8 stapled sets (copy of Submittal Forms on top of copy of proposal).
- Send to AMIA.

- **Notes**

- An individual may organize only one panel.
  - An individual may not participate on more than two panels.
  - Each panel is limited to five individuals.
- 

## **TUTORIAL**

(3 hours; summary is included in preliminary and final programs)

- **Requirements and Deadlines for Authors**

- For initial submission, submit proposal (up to 5 pages, any format), so that AMIA receives it by **March 20, 1997**:
    - Complete Submittal Form.
    - Prepare proposal (summary and description) according to instructions.
    - Make 8 stapled sets (copy of Submittal Form on top of copy of proposal).
    - Send to AMIA.
- 

## **EVENING WORKSHOP**

(most workshops take place on first two nights of AMIA Annual Fall Symposium; workshop is audiotaped; summary is included in preliminary and final programs)

- **Requirements and Deadlines**

- For initial submission, submit proposal (any length, any format), so that AMIA receives it by **March 20, 1997**:
    - Complete Submittal Form.
    - Prepare proposal (summary and description) according to instructions.
    - Make 8 stapled sets (copy of Submittal Form on top of copy of proposal).
    - Send to AMIA.
- 

## **STUDENT PAPER COMPETITION**

(for finalists, two presentations; paper is published in Proceedings)

- **Requirements and Deadlines for Authors**

- For initial submission, submit camera-ready paper (up to 5 pages) so that AMIA receives it by **March 20, 1997**:
  - Complete Submittal Form.
  - Prepare statement of eligibility.

- Prepare paper according to "Guidelines for Submission."
- Make 14 stapled sets (copy of Submittal Form on top of copy of statement and paper).
- Keep original; send copies to AMIA.
- For accepted student paper, submit final camera-ready paper, 3 stapled copies, and electronic file (on disk or by e-mail), and signed Contributor's Agreement so that AMIA receives it by **July 18, 1997**

• **Notes**

- Authors of student papers are encouraged to submit their work separately to the regular AMIA Annual Fall Symposium program.
- Authors of accepted student papers who fail to meet the July 18 deadline or who exceed space limitations will be dropped from the competition.



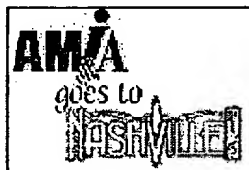
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Page created on: *January 21, 1997*

Last updated on: *January 9, 1997*



## Methods of Presentation

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### SCIENTIFIC PAPERS

The Program Committee solicits papers on original research involving theory, applications, and practice of medical informatics. Papers describing the application of information science to the Internet will be of particular interest; however, the Program Committee expects to accept many worthwhile contributions that deal with other areas of medical informatics, including patient care, research, education, and administration. Papers that describe actual system implementations will have a competitive advantage if they include evaluation data. The submission form provides topics of interest ("tracks") meant as general guidelines. Select a category; however, papers that do not fall easily within the tracks will not be at a disadvantage as long as they are judged to be of high quality and of interest to symposium attendees.

Submit a scientific paper as a five-page manuscript in camera-ready form; for the final (July) submission deadline only, submit both camera-ready copy and a copy of the electronic file used to create the camera-ready copy, on disk or by e-mail. See "Guidelines for Submission" and "Summary of Requirements and Deadlines" for details. Include ample references to work performed outside the authors' own laboratory. *Because of the importance of originality in science, tradition requires that a scientist acknowledge in his publication those whose work in the field preceded his. The mere absence of such acknowledgment constitutes a claim for originality.*(1)

An individual may be first author of only one scientific paper. Papers may not be in press or under consideration for publication elsewhere.

An interdisciplinary group of referees will review submitted papers and judge them according to content and originality, relevance, organization and clarity, and analysis of context and prior work. Manuscripts may be accepted contingent on changes that respond to reviewers' comments.

Authors of accepted papers will have 20 minutes in which to present and discuss their work at the symposium. Audiovisual equipment, including the ability to project 2x2 ("Kodachrome") slides, overhead transparencies, and the output from laptop computers, will be available. Technical

specifications about the equipment will be sent when papers are accepted. Other presentation aids (e.g., computers, video projectors, video-disc players, and telephone lines) may be obtained, at the presenter's expense, by special advance arrangement with AMIA's meetings manager.

Paper sessions will be audiotaped, and accepted papers will be published in the AMIA Annual Fall Symposium Proceedings (a supplement to *JAMIA*, the Journal of the American Medical Informatics Association), on CD-ROM, and indexed in *Index Medicus*. The primary author must sign a contributor's agreement for the Proceedings and a speaker's release for audiotape cassettes. AMIA retains copyright of all works published in the Proceedings.

(1) Broad W, Wade N. *Betrayers of the Truth: Fraud and Deceit in the Halls of Science*. New York: Simon and Schuster, Inc. 1982.

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## POSTERS AND DEMONSTRATIONS

The Program Committee solicits posters and demonstrations that describe existing computer programs, report on preliminary research, survey a subject area, or otherwise contribute to medical informatics. Preference will be given to systems that are in actual use and that have undergone a well-designed evaluation.

Submit a poster or demonstration as a one-page abstract (see sample on page 11) in camera-ready form; for the final (July) submission deadline only, submit both camera-ready copy and a copy of the electronic file used to create the camera-ready copy. The abstract must include

- background information (practical problem addressed and specific aims of the project)
- system description or, in the case of original research, explanation of methodology
- evaluation (information on the practical impact) or research results
- conclusions (practical interpretation of results).

See "[Guidelines for Submission](#)" and "[Summary of Requirements and Deadlines](#)" for details.

An individual may be first author of only one poster or demonstration; that person is expected to be present at the poster session during the symposium.

Members of the Program Committee will review and judge submitted posters and demonstrations and judge them on the basis of content and originality, relevance, and contribution to the field of medical informatics.

Abstracts of accepted posters and demonstrations will be published in the AMIA Annual Fall Symposium Proceedings (a supplement to *JAMIA*, the Journal of the American Medical Informatics Association), published on CD-ROM, and indexed in *Index Medicus*. The primary author must sign a contributor's agreement for the Proceedings. AMIA retains copyright of all works published in the Proceedings.

Authors of accepted posters will display, present, or demonstrate them during a poster session. Authors will receive a poster board (four feet high by eight feet wide) on which to display their material, a table on which to place demonstration systems, and a 20-amp quad box. Authors should indicate whether they will also require Internet access via a T1 line; there may be an additional cost. Authors are expected to



provide all necessary computer equipment and software. Other presentation aids (e.g., computers, video-disc players, and telephone lines) may be obtained, at the presenter's expense, by special advance arrangement with AMIA's meetings manager.

Members of the Program Committee will select some submissions in this category for presentation in a theater-style format, provided that the author has indicated willingness to present the system in this way (see "Preferred Method of Presentation" on the submission form). Authors of accepted theater-style demonstrations will have 45 minutes in which to present their work. Audiovisual equipment, including the ability to project 2x2 ("Kodachrome") slides, overhead transparencies, and the output from laptop computers, will be available. Technical specifications about the equipment will be sent when papers are accepted. An equipment table, 20-amp AC quad box, telephone line, and Internet access via a T1 line if necessary will also be available. Authors are expected to provide all necessary computer equipment and software. Other presentation aids may be obtained, at the presenter's expense, by special advance arrangement with AMIA's meetings manager.

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## PANEL DISCUSSIONS

The Program Committee solicits panel presentations to provide focused, 90-minute discussions by up to five individuals. Topics may be on a specific aspect of medical informatics theory, application, or experience, or may provide interdisciplinary viewpoints that cut across traditional tracks or themes. We especially welcome groups of discussants who hold opposing views in controversial areas. Panels of collaborators on a single project will be of less interest; such proposals would be better as paper presentations. The Program Committee will give significant consideration to the proposed format of the discussion. Panels intended to provide audience participation are more likely to do so if they are small (three members, including the moderator), while panels intended to provide the audience with a wide range of views will tend to be larger (four to five members, including the moderator). Proposals should indicate the degree to which audience participation is part of their appeal. The Program Committee may assign a moderator to panels promising audience participation.

Submit a proposal (two or three pages) that includes

- a well-defined topic
- the name and academic degree(s) of the panel organizer and other participants
- a one- or two-paragraph summary (to be used in the preliminary and final programs)
- a description of the position that each participant will take, issues appropriate for audience participation, and so forth
- a signed statement from the panel organizer that each participant has agreed to take part.

See "Summary of Requirements and Deadlines" for details.

Panels will be limited to five participants. An individual may organize only one panel. An individual may not participate on more than two panels.

Members of the Program Committee will review and judge proposals submitted for panels. Applications that emphasize individual presentations will not be accepted. Panels will be audiotaped. Each member of an accepted panel must sign a speaker's release for audiotape cassettes. Audiovisual equipment, including the ability to project 2x2 ("Kodachrome") slides, overhead transparencies, and the output from laptop computers, will be available. Technical specifications about the equipment will be sent when

papers are accepted. Other presentation aids (e.g., computers, video projectors, video-disc players, and telephone lines) may be obtained, at the presenter's expense, by special advance arrangement with AMIA's meetings manager.

Summaries of panels will be included in the AMIA Annual Fall Symposium preliminary and final programs; they will not be published in the Proceedings or on CD-ROM.

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## TUTORIALS

The tutorial program will consist of approximately 40 courses, each three-hours long, on a broad range of topics relevant to symposium attendees. The Program Committee invites proposals for tutorials on any topic in medical informatics. We encourage proposals that offer comprehensive overviews in any of the following areas: setting up computing systems for primary care physicians' offices, computer-based patient records, interactive patient education, pen-based computer systems, evaluation, health care networking, biomedical imaging, ambulatory care information systems, point-of-care information systems, database technology, software development environments, and information retrieval.

Submit a proposal (up to five pages), in a format that includes the following nine points (because registrants are charged an additional fee to attend tutorials, proposals must address all nine points):

- a well-defined topic
- the name and academic degree(s) of the instructor and a brief description of his or her background
- a one- or two-paragraph summary (to be used in the preliminary and final programs)
- a list of specific educational goals that attendees can expect to achieve
- an outline of topics to be covered
- a description of "who should attend"
- indication of whether the tutorial content is at the basic, intermediate, or advanced level, or a combination of levels (e.g., "30 percent basic, 70 percent intermediate")
- prerequisites, if any (e.g., prior experience with a structured programming language; familiarity with basic HTML coding; and so forth)
- if the tutorial has not been presented at an AMIA meeting, the name of a reference from an organization that has previously sponsored the same or a similar tutorial by the instructor.

See "Summary of Requirements and Deadlines" for details.

Members of the Program Committee will review and judge proposals submitted for tutorials, which must address all nine points requested.

Audiovisual equipment, including the ability to project 2x2 ("Kodachrome") slides, overhead transparencies, and the output from laptop computers, will be available. Technical specifications about the equipment will be sent when papers are accepted. Other presentation aids (e.g., computers, video projectors, video-disc players, and telephone lines) may be obtained, at the presenter's expense, by special advance arrangement with AMIA's meetings manager.

Summaries of tutorials will be included in the AMIA Annual Fall Symposium preliminary and final programs; they will not be published in the Proceedings or on CD-ROM.

The primary instructor of an accepted tutorial will receive an honorarium of \$750, plus travel and one

night's lodging (subject to AMIA guidelines).

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## **EVENING WORKSHOPS**

The Program Committee invites proposals for evening workshops as a means of promoting informal discussion among constituents sharing common interests. Although workshops often serve as forums for individuals with similar roles and responsibilities, we encourage submission of proposals for workshops that will bring together individuals with different roles in developing, implementing, or using information technology that changes how we pursue health science or deliver health care. Workshops may include brief presentations by organizers, but we strongly encourage directed, informal discussion.

Submit a proposal (of any length, in any format) that includes

- a one- or two- paragraph summary (to be used in the preliminary and final programs)
- a brief description of the goals of the workshop, protocol, and the professional interests of the intended audience.

See "Summary of Requirements and Deadlines" for details.

Members of the Program Committee will review and judge proposals submitted for evening workshops.

Audiovisual equipment, including the ability to project 2x2 ("Kodachrome") slides, overhead transparencies, and the output from laptop computers, will be available. Technical specifications about the equipment will be sent when papers are accepted. Other presentation aids (e.g., computers, video projectors, video-disc players, and telephone lines) may be obtained, at the presenter's expense, by special advance arrangement with AMIA's meetings manager.

Summaries of evening workshops will be included in the AMIA Annual Fall Symposium preliminary and final programs; they will not be published in the Proceedings or on CD-ROM.

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## **STUDENT PAPER COMPETITION**

The Program Committee invites students to submit papers that express original ideas and describe complete or nearly complete research or development efforts in medical informatics, broadly defined as the application of computers and information technology in medical care, education, and research. Topics or issues may derive from (but are not limited to) such areas as computer science and artificial intelligence, biomedical engineering, health care technology, health care administration, nursing, medical education, library science, imaging and graphics, communications and networking, and biomedical research. Work performed as part of a large, collaborative effort is acceptable; however, the student paper will be judged on the student's contributions to the project and should therefore focus on them.

Individuals who as of March 20, 1997, are enrolled in a degree-granting program or in an academic program such as a medical residency or a post-doctoral fellowship are eligible to enter the Student Paper Competition. Only individual students, not groups, may submit papers for the competition. We encourage entries from students from countries outside the United States.

For the Student Paper Competition, submit a manuscript (up to five pages) in camera-ready form; for the final (July) submission deadline only, submit both camera-ready copy and a copy of the electronic file used to create the camera-ready document. See and "Summary of Requirements and Deadlines" for details. Papers submitted and accepted for publication elsewhere are not eligible. Preparation of a manuscript must be entirely the work of the student. As Student Competition papers describe projects undertaken primarily by the student, co-authorship is usually limited to the student's academic advisor. (Other authors may be listed but are likely to dilute the judges' perception of the student's personal contribution.) Include appropriate references to prior work in medical informatics. We encourage authors to use automated editing tools, such as spelling checkers.

In addition to the submittal form and manuscript, submit a statement of eligibility, which must include

- the title of the paper
- the student's name and academic degree(s)
- the student's address, telephone number, and e-mail address during the summer of 1997
- the name and location of the training program ° the name, address, telephone number, and e-mail address of the academic advisor who supervised the research
- a joint statement, signed by the student and the advisor, that identifies the student's specific contribution to the work presented in the paper, as well as the contribution of each of the co-authors (if any), and attests that the student prepared the paper.

Judges evaluate Student Paper Competition manuscripts in two phases. During the first phase, a panel of independent reviewers evaluates submitted manuscripts for technical and scientific merit. The reviewers score papers on two scales: contribution to medical informatics theory and application of medical informatics theory to practical use. They then choose up to four finalists on each scale to be judged on an oral presentation at the AMIA Annual Fall Symposium. Reviewers will judge written work on the basis of originality and innovativeness, analysis of relevant prior work, importance of the contribution to medical informatics, and the organization and clarity of the exposition.

In the second phase, finalists are expected to present their papers twice: once during a special session for all finalists, during which final judging will take place, and once during the regular AMIA Annual Fall Symposium program. A 35-mm slide projector, overhead projector, and projection screen will be available during all Student Paper Competition sessions. Other presentation aids (e.g., computers, video projectors, video-disc players, and telephone lines) may not be used. Reviewers will judge oral presentations on the basis of the student's understanding of the material being presented and ability to communicate it to a general audience.

For student finalists, AMIA Annual Fall Symposium registration fees will be waived, and transportation, lodging, and meal expenses will be paid, subject to AMIA Board guidelines, up to a limit of \$1,000.

The panel of judges will select First and Second Prize winning papers. The author of the First Prize paper judged best paper overall will receive the Martin Epstein Award (\$1,000). The author of the other First Prize paper will receive an award of \$500. The authors of the two Second Prize papers will receive awards of \$300 each. All finalists will receive certificates of recognition. Invitations for publication in journals are also likely.

Student papers selected as finalists will automatically be included in the regular program, with the papers included in the Proceedings and on CD-ROM. Finalists will be expected to present their work in a regular session and will be provided with all of the presentation aids afforded to other presenters (see "Scientific Papers").

Student papers not selected as finalists will still be considered for inclusion in the regular program if the author indicates his or her willingness on the Submittal Form (by checking both "Paper-Regular Session" and "Paper-Student Competition" under "Preferred Method of Presentation." The Committee recommends that a student elect this option unless he or she will attend the meeting only if selected as a Student Paper Competition finalist. Papers submitted in both categories will be included in the regular review process and are often accepted for the regular program even if not selected as Student Competition finalists. If a student submits only to the Student Paper Competition and the paper is not selected as a finalist, the paper will not be included in the program and will not appear in the Proceedings or on CD-ROM.

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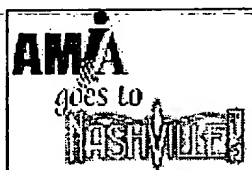
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Last updated on: *January 9, 1997*

**ACCESS AMIA**

On-line Communique of the  
American Medical Informatics Association

Issue 6, February 6, 1998

\*\*\*\*\* Have you renewed your AMIA membership for 1998? \*\*\*\*\*  
Don't forget to renew in order to continue receiving AMIA member benefits!

**IN THIS ISSUE:**

- Congress Dealing with WIPO, 'Fair Use' Copyright Principles
- NTIA Information Infrastructure Grant Proposal Deadline is March 1
- AMIA Member Comments Sought by NCHS
- National Heart Attack Alert Program (NHAAP) Symposium and Request for Ideas
- HOST Solicits Nominations for Healthcare Informatics Award
- Plans Progressing for AMIA 1998 Spring Congress
- Technology Showcase at AMIA Spring Congress
- Call for Participation for AMIA 1998 Annual Symposium Available
- AMIA 1997 Annual Symposium Proceedings Authors: March 1 Deadline for Ordering Reprints
- CPRI Releases Business Planning Methodology for Valuing Computer-based Patient Record Systems

**CONGRESS DEALING WITH WIPO, 'FAIR USE' COPYRIGHT PRINCIPLES.** Bills have been introduced in the U.S. Congress to address the implementation of the recommendations of the 1996 World Intellectual Property Organization (WIPO) conference in Geneva, and to deal with the thorny issue of applying 'fair use' copyright principles to electronic media. These are critical issues in educational settings. H.R. 3048, the "Digital Era Copyright Enhancement Act" has been introduced by Representatives Rick Boucher (D-VA) and Tom Campbell (R-CA). The bill proposes that the fair use doctrine stipulated in Section 107 of the existing Copyright Act be applied regardless of the technological means by which a work has been performed, displayed, or distributed. A similar provision is made in Senator Ashcroft's (R-MO) Senate version of the bill, S. 1146, "Digital Copyright Clarification and Technology Act of 1997."

**NTIA INFORMATION INFRASTRUCTURE GRANT PROPOSAL DEADLINE IS MARCH 1.** The Commerce Department's National Telecommunications and Information Administration (NTIA) has announced the fifth annual round of the Telecommunications and Information Infrastructure Assistance Program (TIIAP). These competitive matching grants are awarded to help fund projects that demonstrate how telecommunications and information technologies can be used to provide valuable services to all Americans, especially underserved populations. The proposal deadline is March 1. For more information, visit the NTIA Web site at <http://www.ntia.doc.gov>

**AMIA MEMBER COMMENTS SOUGHT BY NCHS.** The National Center for Health Statistics would be interested in receiving comments from AMIA members on the draft of the International Classification of Diseases, 10th edition, Clinical Modification (ICD-10-CM). To view the draft, see: <http://www.cdc.gov/nchswwww/about/otheract/icd9/abtcd10.htm>

**NATIONAL HEART ATTACK ALERT PROGRAM (NHAAP) SYMPOSIUM AND REQUEST FOR IDEAS.** The National Library of Medicine, the National Heart Lung and Blood Institute,

and the Agency for Health Care Policy and Research are jointly sponsoring a conference in Washington, DC, on April 14-15 to look at how new information technology can help heart attack patients be reached faster and treated more effectively. In preparation for the Symposium, the sponsors are soliciting ideas about how information technology can help reach heart attack victims more quickly and treat them more effectively. Ideas should be submitted by February 15. For further information, see <http://www.ncemi.org/nhaap/rfi.htm>

**HOST SOLICITS NOMINATIONS FOR HEALTHCARE INFORMATICS AWARD.** The HOST Consortium is seeking nominations for the David E. Morgan Award for Achievement in Healthcare Informatics. Dr. Morgan, a vice president of Motorola and one of the founders of HOST, has long advocated that healthcare technologies can be easy to use and can help the average consumer. The award will be presented annually to an individual exemplifying Dr. Morgan's vision. The nominations procedure and more information about the award will be available soon on the HOST Web site at <http://www.hostnet.org>

**PLANS PROGRESSING FOR AMIA 1998 SPRING CONGRESS.** In mid-February, AMIA will mail an Early Bird registration brochure to all AMIA members for the 1998 Spring Congress, "Bringing Information to the Point of Use." The Congress will be held in Philadelphia at the Wyndham Franklin Plaza Hotel on May 27-30, 1998. More than 160 abstracts were submitted and will be reviewed by the Scientific Program Committee. The Congress is expected to feature tutorials and an opening session on Wednesday, May 27; an all day joint program with the Medical Library Association, "Health Informatics Research Agenda for the 21st Century" on Thursday, May 28; scientific sessions on Friday, May 29; and workshops or other activities on Saturday, May 30. In addition, the Partnerships for Consumer Health Information program of the U.S. Department of Health and Human Services will be presenting a Technology Showcase on May 27-28, which will be included in the registration for the AMIA Spring Congress. Consult the AMIA Web site at <http://www.amia.org> for more details as they become available.

**TECHNOLOGY SHOWCASE AT AMIA SPRING CONGRESS.** As noted above, the Partnerships program administered through the Department of Health and Human Services will be putting on a Technology Showcase coincidental to the AMIA Spring Congress. AMIA members are invited to consider showcasing their Web site or applications under specific categories related to consumer health information. For more information about how to participate in the Showcase, see the Partnerships '98 Web site at <http://odphp.osophs.dhhs.gov/confrence/partnr98>

**CALL FOR PARTICIPATION FOR AMIA 1998 ANNUAL SYMPOSIUM AVAILABLE.** The electronic version of the Call for Participation for the AMIA 1998 Annual Symposium can be found on AMIA's Web site at <http://www.amia.org/f98call.htm>. The call is also available via fax through AMIA's Document-on-Request service, 1-800-819-2334, document # 601. A print version of the call will also be sent to all AMIA members next week.

**AMIA 1997 ANNUAL SYMPOSIUM PROCEEDINGS AUTHORS: MARCH 1 DEADLINE FOR ORDERING REPRINTS.** The reprint order form for the 1997 AMIA Annual Symposium Proceedings is available through AMIA's Document-on-Request service, 1-800-819-2334, document # 405. Authors are to return the form directly to the Proceedings publisher, Hanley & Belfus. Orders need to be in by March 1; orders received after that date will be subject to a 25% surcharge in the price. Authors can expect to receive their reprints 4 to 6 weeks after the request is received. The address for submitting the reprint order forms is Hanley & Belfus, Inc., 210 South 13th Street, Philadelphia, PA 19107; fax 215-546-3032; phone 215-546-4995, ext. 26.

**CPRI RELEASES BUSINESS PLANNING METHODOLOGY FOR VALUING COMPUTER-BASED PATIENT RECORD SYSTEMS.** The Computer-based Patient Records Institute has just released a new document, "Valuing CPR Systems - A Business Planning Methodology." The document reviews the concept of the computer-based patient record system, describes the results of a study of current value assessment practices, and provides an example of a framework for constructing a business case that ensures there will be a link between the

business strategies of an organization and its information systems plan. The document may be ordered by contacting CPRI at 4915 St. Elmo Avenue, Suite 401, Bethesda, MD 20814; phone 202-657-5918. Please note that the ordering address is the same as AMIA's.

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Access AMIA is edited by the AMIA office in Bethesda, Maryland. Please send news items and other comments to [access@mail.amia.org](mailto:access@mail.amia.org). Remember that working group e-mail lists should be the vehicle used to communicate items of interest to particular working groups. Job announcements will not be posted in Access AMIA; please use AMIA's Job Exchange for those.

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**ACCESS AMIA**

On-line Communiqué of the  
American Medical Informatics Association

Issue 7, March 4, 1998

Reminder! Friday, March 28, is the deadline for submissions for the AMIA 1998 Annual Symposium in November. Detailed information on submissions is available on the AMIA Web site at <http://www.amia.org/f98call.htm>

- AMIA Site Visits Scheduled in April for New Haven, Boston, and Salt Lake City
- Early Bird Registration Available for AMIA 1998 Spring Congress
- Travel Tour to MEDINFO & China
- New Listserv to Follow HIPAA Progress
- HL7 Launches New Web Site
- New Grant Program - Digital Libraries Initiative
- Conference on HIPAA Scheduled for April 27-28
- 3rd Annual Conference of Friends of the NLM Slated for April 27-29
- HOST Annual Meeting Will Be in San Diego March 26-27
- JAMA Article Looks at Instruments Used to Rate Web Sites Providing Health Info
- Digital Copyright Legislation
- ANA Nursing Information and Data Set Evaluation Center Now Operational
- Healtheon To Purchase ActaMed

**AMIA SITE VISITS SCHEDULED IN APRIL FOR NEW HAVEN, BOSTON, AND SALT LAKE CITY.** The AMIA Spring/Summer Site Visit Program schedule is set. An informational brochure is in production and will be sent to all AMIA members in mid-March. In the meantime, we have three visits coming right up in April. On April 8, a site visit will be held at the Yale University School of Medicine. On April 9-10, a site visit will be conducted in Boston and will feature visits to five different centers: Beth Israel/Deaconess Medical Center, Brigham & Women's Hospital Information Systems, Children's Hospital Informatics Program, Decision Systems Group at Brigham & Women's Hospital, and Massachusetts General Hospital Laboratory of Computer Science. On April 24, a site visit will be held at the LDS Hospital in Salt Lake City. If you would like further details about any of these April visits, information will soon be available on the AMIA Web site at <http://www.amia.org> or you may call Maureen Stephens in the AMIA office at (301)657-1291.

**EARLY BIRD REGISTRATION AVAILABLE FOR AMIA 1998 SPRING CONGRESS.** The Early Bird Registration for the AMIA 1998 Spring Congress "Bringing Knowledge to the Point of Use" has been mailed to all AMIA members. The Spring Congress will be in Philadelphia, May 27-30, 1998. Early Bird discount registration rates are available through March 16. An outstanding program has been put together by Program Chair James R. Campbell, M.D., and the Spring 1998 Scientific Program Committee. Please keep a watch on the AMIA Web site for details; further information is available at <http://www.amia.org/s98main.htm>

**TRAVEL TOUR TO MEDINFO & CHINA.** Some years ago, a number of AMIA members took advantage of some special travel arrangements to MEDINFO when it was in Singapore. The same travel broker and the person who set up the trip are offering a package this summer to MEDINFO in Seoul with two pre-MEDINFO side trip opportunities to China. The announced cost for round-trip airfare between the U.S. and Seoul, and an eight-day tour to China for transportation, hotel, and meals, is approximately \$2,800. The total package price including a

five-day rather than eight-day tour is \$2,072. Those interested should contact Mr. David Peng at Pacific Bestour at 1-800-688-3288, ext. 225, fax 201-664-1497. AMIA offers this information to members only as a service; AMIA is not involved with these arrangements nor does it have any financial or other relationship with Pacific Bestour or any other party involved in this offering. The travel broker does not have a discounted price package for those who want only to go to Seoul and back without the China package, and advises these travelers to book directly with the airlines or go through their own travel agents. The major carriers from North America to Seoul include Korean Air Lines, United, Northwest Airlines, and Delta in combination with Korean Air Lines.

**NEW LISTSERV TO FOLLOW HIPAA PROGRESS.** NIH is establishing a new listserv to which anyone may subscribe to receive e-mail notification when any official document is published relating to the administrative simplification provisions of the Health Insurance Portability and Accountability Act (aka Kennedy-Kassebaum, K2). To subscribe, send e-mail to [listserv@list.nih.gov](mailto:listserv@list.nih.gov) and leave the subject line blank; on the first line of the message put the following: subscribe HIPAA-REGS followed by your first name and last name (e.g., subscribe HIPAA-REGS John Doe)

**HL7 LAUNCHES NEW WEB SITE.** Health Level Seven (HL7) has established a Web site containing information about HL7, upcoming events, links to other relevant Web sites, news releases, etc. The address is <http://www.hl7.org>

**NEW GRANT PROGRAM - DIGITAL LIBRARIES INITIATIVE.** The National Library of Medicine is one of several agencies announcing The Digital Libraries Initiative - Phase 2 (DLI-2). DLI-2 is an initiative that explores innovative digital libraries research and applications. Digital libraries research in health care application areas is strongly encouraged, and improving networked information access for health care consumers is an important goal of the project. Letters of Intent are due at the National Science Foundation by April 15, 1998, for the FY1998 competition, and full proposals will be due July 15, 1998. For more information, see the News section at <http://www.nlm.nih.gov>

**CONFERENCE ON HIPAA SCHEDULED FOR APRIL 27-28.** The end of April will feature two very fine meetings, one being sponsored by several health information associations in Chicago and the other by the Friends of the National Library of Medicine in Washington, D.C. (see below). The Chicago conference "Step Toward Compliance: Understanding the Complexities of Administrative Simplification" will focus on the implementation of Health Insurance Portability and Accountability Act (HIPAA) regulations. The conference is being co-sponsored by the Computer-based Patient Records Institute, AMIA, the American Health Information Management Association, and the Joint Healthcare Technology Alliance (HIMSS, CHIM, and CHIME). Kudos to CPRI for taking the lead in lining up the program, and to AHIMA for its work in coordinating mailing, logistics, etc. For further information, see <http://www.ahima.org/hipaa.html>

**3RD ANNUAL CONFERENCE OF FRIENDS OF THE NLM SLATED FOR APRIL 27-29.** The Third Annual Conference of the Friends of the National Library of Medicine will take place at the Georgetown University Conference Center in Washington, D.C., April 27-29, 1998, on the theme "The Emerging Health Information Infrastructure: Managing Change Through Information." For more information, visit the Friends of the NLM Web site at <http://fnlm.org>

**HOST ANNUAL MEETING WILL BE IN SAN DIEGO MARCH 26-27.** The HOST annual meeting "Healthcare in the 21st Century" will take place at the Catamaran Resort Hotel in San Diego March 26-27, 1998. For further information, see the HOST Web site at <http://www.hostnet.org>

**JAMA ARTICLE LOOKS AT INSTRUMENTS USED TO RATE WEB SITES PROVIDING HEALTH INFO.** Alejandro R. Jadad, MD, DPhil, and Anna Gagliardi, MSc, MLS, evaluate 47 instruments used to rate Web sites providing health information on the Internet in their article "Rating Health Information on the Internet: Navigating to Knowledge or to Babel?" in the February 25 issue of the Journal of the American Medical Association (pp. 611-614).

**DIGITAL COPYRIGHT LEGISLATION.** There are currently two bills in Congress that address copyright issues in a digital world. Resolution of how copyright legislation evolves for electronically transmitted and networked information has considerable implications for AMIA members who teach and/or publish. On the Senate side is Senator John Ashcroft's (R-MO) "Digital Copyright Clarification and Technology Act." On the House side is Representative Rick Boucher's (D-VA) and Tom Campbell's (R-CA) "Digital Copyright Enhancement Act." One source following copyright issues and legislation through Congress is the Digital Future Coalition's Web site at <http://www.ari.net/dfc/>. The Digital Future Coalition is comprised of a number of educational, library, and other associations.

**ANA NURSING INFORMATION AND DATA SET EVALUATION CENTER NOW OPERATIONAL.** Created in 1996, the Nursing Information and Data Set Evaluation Center (NISDEC) is now fully operational. NISDEC develops and disseminates standards pertaining to automated information systems that nurses use to document nursing care. It also has a fee-based service for evaluating information systems voluntarily submitted by developers. NISDEC has published the "NISDEC Standards and Scoring Guidelines" that evaluate the completeness, accuracy, and appropriateness of four dimensions of nursing data sets and the systems that contain them. To obtain a copy of the Standards (ca. \$12.00), contact ANA publications at 1-800-637-0323.

**HEALTHEON TO PURCHASE ACTAMED.** The Healtheon Corporation, a company formed in 1996 focusing on use of the Internet in the medical data industry, has announced it is acquiring ActaMed, a supplier of data networks to some of the largest health care operations, currently reaching some 60,000 physicians. Healtheon was founded in 1996 by James Clark, a co-founder of both Silicon Graphics Corporation and Netscape Communications.

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# AMIA '99

## ANNUAL SYMPOSIUM

## SUBMISSION INSTRUCTIONS

This is a paperless submission process. All submissions must be sent as an attachment to an e-mail message to [amia99@mail.amia.org](mailto:amia99@mail.amia.org). Send only one submission per e-mail. The e-mail must indicate "Submission AMIA '99" in the subject line and follow the sample e-mail format shown below, with all appropriate information supplied. All authors are expected to comply with these submission instructions. Please refer to each submission category for additional requirements. We thank you in advance for your cooperation.

All paper, abstract, and proposal attachments to the E-mail Submission Form must:

- Be attached in one of the following formats: Word97 or Word 6.0/95 for Windows; Word 5.0 or 6.01 for Mac; WordPerfect 5.1 for DOS; Adobe Acrobat PDF
- Be sent as a zipped file if greater than 200KB
- Adhere to any length restrictions stated in the category descriptions
- Use 8.5 x 11 inch paper size with one inch margins left, right, top, and bottom
- Include the title using 14 point Times Roman typeface, single-column, bolded, centered, initial caps
- Include the names, credentials, institutions and locations of the author(s) or panelists using 12 point Times Roman typeface, single-column, bolded, centered, initial caps below the title, exactly as they are to appear in the preliminary and final programs and the Proceedings. (Note: While forms of credentials and other author information are subject to revision by the AMIA office for the purpose of consistency or correction of obvious errors, it is the responsibility of the first author to provide full and accurate information about all authors named.)
- Include the main text of the submission single spaced in 10 point Times Roman typeface, justified, two-column format with .5 inch between columns
- Use the following reference format: Cite all references in the text, tables, or figure legends; type initial capitol only and center the word "References" above the list; list references in order of occurrence in the manuscript; use 8 point superscript if possible, if not, use 10 point numbers in brackets; list authors when there are six or fewer; otherwise, list first three followed by "et al"; use Vancouver Style (see <http://www.acponline.org/journals/resource/unifreqr.htm>)
- **Arrive by Tuesday, March 9, 1999.** This is the deadline for all submissions. Authors will be notified of acceptance by mid-June.
- Download a **SAMPLE PAPER** in Adobe Acrobat (.PDF) Format - 84KB.
- Download a **SAMPLE ABSTRACT** in Adobe Acrobat (.PDF) Format - 74KB.

### SAMPLE E-MAIL SUBMISSION FORM

FROM: Your name here  
TO: [amia99@mail.amia.org](mailto:amia99@mail.amia.org)  
SUBJECT: Submission AMIA'99  
DATE SENT: Before Tues., March 9, 1999!  
REPLY TO: Your e-mail address here  
\*\*Attachment\*\* [Don't forget to attach the submission and to indicate which format it is in!]  
Submission Category:  
Title of Manuscript/Proposal:  
Contact [with credentials]:

[either first author or panel, tutorial, or workshop organizer]  
 Institution:  
 Address:  
 City, State, Zip:  
 Country:  
 Phone:  
 Fax:  
 Secondary Contacts: [include complete contact information for each]  
 Cornerstone Topic:  
 Keywords:

### E-MAIL STEPS

1. Create your submission form as an e-mail message with all of the information fields in the sample at left, appropriately filled in with your submission information.
2. Choose from among the following submission categories:
  - o Paper Presentation-Regular
  - o Paper Presentation-Student
  - o Panel
  - o Poster
  - o Theater-Style Demonstration
  - o Tutorial
  - o Workshop
  - o Working Group Presentation
3. Choose ONE of the Cornerstone Topics from the list below.
4. Refer to the list of Keywords below and choose UP TO THREE on which you would like your submission reviewed. Do not rank.

### CORNERSTONE TOPIC LIST

#### #1: Representing Knowledge

- Standards and policies
- Vocabulary
- Bioinformatics and molecular applications

#### #2: Acquiring and Presenting Data

- Expert systems and algorithms
- Images and other nontextual data
- User interfaces

#### #3: Managing Change

- Training, education, and cognitive science
- Evaluation
- Organizational issues/factors
- Ethical and legal issues

#### #4: Integrating Information

- Information retrieval and digital libraries
- Clinical information management
- Health information networks
- Expert systems

### KEYWORD LIST

- Administrative/financial systems
- Barriers to clinical system implementation
- Bioinformatics
- Care guidelines and protocols
- Clinical systems in ambulatory care
- Clinical systems in hospitals
- Computer networking
- Confidentiality and information protection
- Consumer health informatics
- Database access and delivery
- Database construction
- Database design
- Decision science
- Dental informatics
- Economics of care
- Education/training
- Electronic patient records
- Enterprise information networks
- Ethical and legal issues
- Evaluation of information systems
- Human factors and user interfaces
- Imaging standards
- Image processing and transmission
- Information architecture
- Integrated clinical and financial systems
- Internet applications
- JCAHO information system requirements

- Knowledge acquisition
- Knowledge-based systems
- Knowledge representation
- Library information systems
- Lifelong patient records
- Medical informatics teaching
- Medical students informatics
- Molecular and genetic information
- Natural language processing
- Neural network techniques
- Organizational impact of information systems
- Outcomes assessment
- Patient education
- Patient record management
- Pattern recognition/classification
- Point-of-care systems
- Portable patient records
- Professional education
- Quality assessment and improvement
- Security and data protection
- Software engineering
- Standard medical vocabularies
- Standards for data transfer
- Standards for coding
- Technology assessment
- Telemedicine

## CORRESPONDENCE


Direct inquiries and related correspondence to:

Nancy M. Lorenzi, PhD  
AMIA 1999 Annual Symposium, Program Chair  
e-mail: [Lorenzi@uc.edu](mailto:Lorenzi@uc.edu)

or,

American Medical Informatics Association  
4915 St. Elmo Avenue, Suite 401  
Bethesda, MD 20814  
301-657-1291  
e-mail: [mail@mail.amia.org](mailto:mail@mail.amia.org)



 [Download](#) the entire Call for Participation brochure in Adobe Acrobat (PDF) format. (185KB)

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## INVITATION TO PRESENT

**A fully completed E-mail Submittal Form must accompany all submissions. All submissions must follow the format instructions and requirements set forth in this Call. See the AMIA Web site (<http://www.amia.org/meetings/f99/call/p6-7.htm>) for paper and abstract examples.**

### OVERVIEW

The AMIA 1999 Annual Symposium Scientific Program Committee invites papers, panels, tutorials, workshops, posters, and theater-style demonstrations that contribute to our understanding of the history, current status, and future of the four cornerstones and their contribution in preparing our health care organizations and systems for the twenty-first century. All submissions are reviewed and judged competitively. The 1999 meeting will begin with tutorials on Saturday and Sunday (November 6-7) followed by three days of program sessions (November 8-10). Final papers, poster abstracts, and theater-style demonstration abstracts will be published in the AMIA Annual Symposium Proceedings, a supplement of JAMIA, the Journal of the American Medical Informatics Association. Proposals and abstracts for tutorials, workshops, and panels will not be published in the Proceedings. Papers that are published in the Proceedings are indexed in Index Medicus and MEDLINE (poster abstracts and theater-style demonstration abstracts are not). AMIA retains copyright of all works published in the Proceedings. The final version of all accepted papers, poster abstracts, and theater-style demonstration abstracts must be accompanied by a contributor's agreement signed by the first author on behalf of all authors of the paper or abstract. AMIA will distribute the contributor's agreement following notification of acceptance. Symposium speakers are also required to sign a form permitting their presentation to be taped-recorded for sale.

### REVIEW PROCESS AND FINAL SUBMISSION

The AMIA Scientific Program Committee has the responsibility for the final selection of submissions for all categories—papers, panels, posters, theater-style demonstrations, tutorials, workshops, and Working Group programs—for AMIA'99. To facilitate this process, the committee will be assisted by an interdisciplinary group of referees who will initially review submitted papers and judge them according to content, originality, relevance, organization, and clarity. First authors of submissions will be notified by mid-June of acceptance or rejection. Authors of submissions that are accepted may be asked to make minor revisions and submit a revised camera-ready copy of the contribution incorporating the requested changes. Authors will have two weeks from notification to make revisions and submit the new camera-ready copy. Instructions as to form of transmission for the final camera-ready copy will be provided with the



notice of acceptance.

## AWARDS PROGRAM

AMIA will present general awards and student awards. General awards include Best Theoretical Paper Award for the paper that best represents an advance in the theoretical foundation of health informatics research; Best Application Paper Award for the paper describing an application that is a clear example of the utility of applied health informatics; and Best Poster Award. Winners for each category will receive a certificate of recognition and a \$500 prize. First and second-place winners for the poster category will each receive a certificate of recognition and prizes of \$300 and \$200, respectively. Submissions to the regular program will automatically be considered for these awards. Judges use the following criteria for award selection: quality, degree that the work incorporates previous appropriate work, contribution to biomedicine/health care, contribution to informatics, formulation of the problem, explanation of methods, results or evaluation, significance and ramifications of the work, quality of writing, and style of the paper. Four student awards include the Martin Epstein Award (\$1,000), First Prize (\$500), Second Prize (\$350), and Third Prize (\$250). All finalists receive certificates of recognition. For the final eight student finalists, AMIA Annual Symposium registration fees will be waived, and transportation, lodging, and meal expenses will be paid up to a limit of \$1,000. Judges evaluate student manuscripts in two phases. During the first phase, a panel of independent reviewers evaluates submitted manuscripts for technical and scientific merit. The reviewers score papers on two scales: contribution to health informatics theory and application of health informatics theory to practical use. During the second phase, the finalists are judged on their oral presentation at the AMIA 1999 Annual Symposium. In addition, the Homer Warner Award, funded by the University of Utah, will also be presented at the closing session. The Harriet H. Werley Award is presented for a paper that makes the greatest contribution to advancing the field of nursing informatics-judged by AMIA's Nursing Informatics Working Group (NIWG). The Werley Award must have a nurse as first author and carries a \$500 prize with a certificate of recognition.



[Download](#) the entire Call for Participation brochure in Adobe Acrobat (PDF) format. (185KB)

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## Converging Information, Technology, and Health Care

The World's Most Comprehensive Annual Symposium On Health Care Informatics

### Submission Instructions

The submission process for the AMIA 2000 Annual Symposium will be electronic. All submissions must be made via the AMIA Web site. Submissions will be accepted at the AMIA Web site starting January 3, 2000, and must be submitted no later than March 6, 2000. To submit a paper, abstract, or proposal, at any time between January 3 and March 6, 2000:

1. Go to the AMIA Web site at [www.amia.org](http://www.amia.org) and select the AMIA 2000 Annual Symposium link. The AMIA 2000 Annual Symposium main page will be displayed.
2. From the AMIA 2000 Annual Symposium main page, select the link for author submissions. The AMIA online submission form will be displayed.
3. Complete the online submission form as instructed and attach your submission.
4. Complete this process again if you have more than one submission.

Though the submission process will be online, your submission will need to conform to certain requirements, some of which are reminiscent of print format and presentation requirements. Certain categories of submissions will in fact appear in a print version of the Proceedings, and adherence throughout all categories of submissions ensures a consistency that facilitates the review process and preparation of both electronic and print publications.

All paper, synopsis, and proposal attachments to the online submission form must conform to the requirements outlined below as well as to those enumerated for the specific submission categories on pages 4-5 of this Call for Participation.

- Attach your submission in one of the following formats: Word97 or Word 6.0/95 for Windows; Word 5.0 or 6.01 for Macintosh; WordPerfect 5.1 for DOS; Adobe Acrobat PDF
- Be certain to adhere to the page length restrictions stated in the category descriptions
- Use 8.5 x 11 inch paper size with one inch margins left, right, top, and bottom

Those who are limited to A4 paper size must be certain that their content will fit within the 5 page limit when converted to 8.5 x 11 inches.

- Place the title in 14 point Times Roman typeface, single-column, bolded, centered, initial capitals
- Include the names, credentials, institutions and locations of the author(s) or panelists below the title using 12 point Times Roman typeface, single-column, bolded, centered, initial capitals, exactly as they are to appear in the online and print programs and the Proceedings

While forms of credentials and other author information are subject to minor revision by the AMIA office for the purpose of consistency or correction of obvious errors, it is the responsibility of the first author of each submission to provide full and accurate information about all authors named.

- Include the main text of the submission single-spaced in 10 point Times Roman typeface, justified, two-column format with .5 inch between columns
- Use the following reference format: Cite all references in the text, tables, or figure legends. In the text, use 8 point superscript if possible to indicate reference numbers; if not possible, use 10 point numbers in

brackets. Under a centered heading "References" at the end of the submission, provide a list of references cited, in order of occurrence in the manuscript, and with titles using initial capitals only. List all authors of any cited work when there are six or fewer authors; if more than six, list only the first three followed by "et al". Follow the Vancouver Style (for further details, see [www.acponline.org/journals/resource/unifreqr.htm](http://www.acponline.org/journals/resource/unifreqr.htm)).

Your submission must be submitted via the AMIA Web site no later than Monday, March 6, 2000. This is the deadline for all submissions. Authors will be notified of acceptance by mid-June.

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# Converging Information, Technology, and Health Care

The World's Most Comprehensive Annual Symposium On Health Care Informatics

## Overview

### Invitation to Present

The AMIA 2000 Annual Symposium Scientific Program Committee invites papers, panels, theater-style demonstrations, posters, tutorials, and workshops that contribute to the foundations, understanding, and advancement of health care informatics. As the world's largest and most comprehensive annual forum focussing on medical informatics, the AMIA Annual Symposium features presentations that collectively span the full spectrum of research and development, theory and application, and methodology and evaluation in matters pertaining to informatics in health care. The AMIA 2000 Annual Symposium will begin with tutorials on Saturday and Sunday, November 4-5, followed by three days of program sessions on November 6-8.

### Review Process and Final Submission

The AMIA Scientific Program Committee has the responsibility for the final selection of submissions for all categories of presentations - papers, panels, theater-style demonstrations, posters, tutorials, and workshops. To facilitate this process, the committee is assisted by an interdisciplinary group of reviewers who will initially evaluate submitted papers and judge them according to content, originality, relevance, organization, and clarity.

First authors of submissions will be notified by mid-June of acceptance or rejection. A final copy of all accepted papers, proposals, and abstracts must be submitted by the first author through the AMIA Web site within two weeks of notification of acceptance. Failure to submit a final copy by the final copy deadline will result in exclusion of the contribution from the program and, where applicable, from the Proceedings. In some cases, authors are asked to make minor revisions to their paper, proposal, or synopsis, and they are expected to incorporate these changes in the final copy they submit. The final version of all accepted papers, poster synopses, and theater-style demonstration synopses must be accompanied by a contributor's agreement signed by the first author on behalf of all authors of the paper or synopsis. AMIA will distribute the contributor's agreement following notification of acceptance. All symposium speakers are required to sign a form permitting their presentation to be taped-recorded for sale.

### Publication

Papers, poster synopses, and theater-style demonstration synopses will be published in the AMIA Annual Symposium Proceedings, as a supplement to the Journal of the American Medical Informatics Association. Proposals and synopses for tutorials, workshops, and panels will not be published in the Proceedings. Papers that are published in the Proceedings are indexed in Index Medicus and MEDLINE (poster synopses and theater-style demonstration synopses are not). AMIA retains copyright of all works published in the Proceedings.

### General Awards

General awards include Best Theoretical Paper Award for the paper that best represents an advance in the theoretical foundation of health informatics research; Best Application Paper Award for the paper describing an application that is a clear example of the utility of applied health informatics; and Best Poster Award. Winners for each paper category will receive a certificate of recognition and a \$500 prize. First and second-place winners for the poster category will each receive a certificate of recognition and prizes of \$300 and \$200, respectively. Submissions to the regular program will automatically be considered for these awards. Judges use the following

criteria for award selection: quality, degree that the work incorporates previous appropriate work, contribution to biomedicine/health care, contribution to informatics, formulation of the problem, explanation of methods, results or evaluation, significance and ramifications of the work, quality of writing, and style.

There are currently two additional general awards presented at the Annual Symposium. The Harriet H. Werley Award is presented for a paper that makes the greatest contribution to advancing the field of nursing informatics, as judged by AMIA's Nursing Informatics Working Group (NIWG). The Werley Award must have a nurse as first author and carries a \$500 prize with a certificate of recognition. The Homer Warner Award, carrying a \$1,000 prize funded by the University of Utah, is awarded for the paper that best describes approaches to improving computerized information acquisition, knowledge data acquisition and management, and experimental results documenting the value of these approaches. Other awards may be presented as they are formally proposed through the AMIA Awards Committee and approved by the AMIA Board of Directors.

### **Student Paper Competition Awards**

Student Paper Competition Awards include First Prize (\$500), Second Prize (\$350), and Third Prize (\$250). At the discretion of the judges, the Martin Epstein Award (\$1,000) may also be awarded to a paper judged to be of especially exceptional merit. All finalists (usually eight) in the competition receive certificates of recognition. AMIA Annual Symposium registration fees are waived for each finalist, and actual transportation, lodging, and meal expenses will be paid up to a maximum of \$1,000 for each finalist. Judges evaluate student manuscripts in two phases. During the first phase, a panel of independent reviewers evaluates submitted manuscripts for technical and scientific merit. The reviewers score papers on two scales: contribution to health informatics theory, and application of health informatics theory to practical use. During the second phase, the finalists are judged on their oral presentation at the AMIA 2000 Annual Symposium.

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# AMIA 2001: A Medical Informatics Odyssey, Visions of the Future and Lessons from the Past

## Call for Participation



Whether the conference theme conjures up mental visions of ancient Greek poetry or of monoliths, AMIA 2001 will afford you the opportunity to engage in both an individual professional odyssey and a journey through a quarter of a century of medical informatics accomplishments and into the future. The 25th Annual Symposium will provide a venue to learn from the past and to envision the future role of medical informatics innovations in the discovery, creation, and application of biomedical knowledge; the delivery of health care in a wide variety of settings; and the health of the public.

Special sessions will showcase the history and possible futures of medical informatics practice, research, and training. In addition, a new format, the Case Study Poster Presentation, will highlight the lessons learned from the application of medical informatics innovations, and selected papers, posters, and panels will be presented as exemplars of "Best Practices".

On behalf of the AMIA 2001 Scientific Program Committee, I invite your participation.

*Suzanne Bakken, RN, DNSc  
Chair, AMIA 2001 Scientific Program Committee*

### AMIA 2001 SCIENTIFIC PROGRAM COMMITTEE

**Suzanne Bakken, RN, DNSc, Chair**

Columbia University  
New York, NY

**James F. Brinkley, MD, PhD**

University of Washington  
Seattle, WA

**Atul J. Butte, MD**

Boston Children's Hospital & Harvard University  
Boston, MA

**Barbara Carty, RN, EdD**

New York University  
New York, NY

**Betty Chang, RN, DNSc**

University of California Los Angeles  
Los Angeles, CA

**Peter L. Elkin, MD**

Mayo Clinic  
Rochester, MN

**Stephen B. Johnson, PhD**

Columbia University  
New York, NY

**Bonnie Kaplan, PhD**

Yale University, Boston University, & Kaplan Associates  
Hamden, CT

**Leslie A. Lenert, MD, MS**

VAMC & University of California San Diego  
San Diego, CA

**Lucilla Ohno-Machado, MD, MHA, PhD**

Brigham and Women's Hospital & Harvard University  
Boston, MA

**Judy Murphy, RN, BSN**

Aurora Health Care  
Milwaukee, WI

**Andrey Rzhetsky, PhD**

Columbia University  
New York, NY

**H. Jaap Suermondt, PhD**

Hewlett-Packard Laboratories  
Palo Alto, CA

*A member of the Awards Committee, Education Committee, a Working Group Liaison, and the AMIA 2002 Scientific Program Committee Chair will be appointed to the AMIA 2001 Scientific Program Committee.*

# Invitation to Present

The AMIA 2001 Annual Symposium Scientific Program Committee invites papers, panels, theater-style demonstrations, posters, tutorials, workshops and new in 2001 case study poster presentations that contribute to the foundations, understanding, and advancement of health care informatics. As the world's largest and most comprehensive annual forum focusing on medical informatics, the AMIA Annual Symposium features presentations which collectively span the full spectrum of research and development, theory and application, and methodology and evaluation in matters pertaining to informatics in health care. The AMIA 2001 Annual Symposium will begin with tutorials on Saturday and Sunday, November 3-4, followed by three days of program sessions on November 5-7.

## REVIEW PROCESS AND FINAL SUBMISSION

The AMIA Scientific Program Committee has the responsibility for the final selection of submissions for all categories of presentations—papers, panels, theater-style demonstrations, posters, case study posters, tutorials, and workshops. To facilitate this process, the committee is assisted by an interdisciplinary group of reviewers who will initially evaluate submitted papers and judge them according to content, originality, relevance, organization, and clarity. Each panel, theater-style demonstration, poster, tutorial, workshop, and case study poster presentation is reviewed by the Scientific Program Committee.

## PUBLICATION

First authors of submissions will be notified by mid-June of acceptance or rejection. A final copy of all accepted papers, proposals, and abstracts must be submitted by the first author through the AMIA Web site within two weeks of notification of acceptance. Failure to submit a final copy by the final copy deadline may result in exclusion of the contribution from the program and, where applicable, from the *Proceedings*. In some cases, authors are asked to make minor revisions to their paper, proposal, or abstract, and they are expected to incorporate these changes in the final copy they submit. The final version of all accepted papers, poster abstracts, and theater-style demonstration abstracts must be accompanied by a contributor's agreement signed by the first author on behalf of all authors of the paper or abstract. AMIA will distribute the contributor's agreement following notification of acceptance. All symposium speakers are required to sign a form permitting their presentation to be taped-recorded for sale.

Papers, poster abstracts, and theater-style demonstration abstracts will be published in the *AMIA Annual Symposium Proceedings*, as a supplement to the *Journal of the American Medical Informatics Association*. Proposals and abstracts for tutorials, workshops, and panels will not be published in the *Proceedings*. Papers that are published in the *Proceedings* are indexed in Index Medicus and MEDLINE (poster abstracts and theater-style demonstration abstracts are not). AMIA retains copyright of all works published in the *Proceedings*.

## AWARDS PROGRAM

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General awards include Best Theoretical Paper Award for the paper that best represents an advance in the theoretical foundation of health informatics research; Best Application Paper Award for the paper describing an application that is a clear example of the utility of applied health informatics. Winners for each paper category will receive a certificate of recognition and a \$500 prize. Submissions to the regular program will automatically be considered for these awards. Judges use the following criteria for award selection: quality, degree that the work incorporates previous appropriate work, contribution to biomedicine/health care, contribution to informatics, formulation of the problem, explanation of methods, results or evaluation, significance and ramifications of the work, quality of writing, and style of the paper.

There are currently four additional general awards presented at the Annual Symposium. The Harriet H. Werley Award is presented for a paper that makes the greatest contribution to advancing the field of nursing informatics, as judged by AMIA's Nursing Informatics Working Group (NIWG). The Werley Award must have a nurse as first author and carries a \$500 prize with a certificate of recognition. The Homer Warner Award, carrying a \$1,000 prize funded by the University of Utah, is awarded for the paper that best describes approaches to improving computerized information acquisition, knowledge data acquisition and management, and experimental results documenting the value of these approaches. The Diana E. Forsythe Award, selected by AMIA's People and Organizational Issues Working Group, is issued to the best paper that furthers the area of the people and organizational issue related to medical informatics and carries a \$500 prize. The Nursing Informatics Working Group Award honors a nursing student who demonstrates excellence in nursing informatics and who has the potential to contribute significantly to the discipline of nursing and health informatics. The award carries a \$1,500 cash prize and is judged by AMIA's Nursing Informatics Working Group.

### *Student Paper Competition Awards*

Student Paper Competition Awards include First Prize (\$500), Second Prize (\$350), and Third Prize (\$250). At the discretion of the judges, the Martin Epstein Award (\$1,000) may also be awarded to a paper judged to be of especially exceptional merit. All finalists (usually eight) in the competition receive certificates of recognition. AMIA Annual Symposium registration fees are waived for each finalist, and actual transportation, lodging, and meal expenses will be paid up to a maximum of \$1,000 for each finalist. Judges evaluate student manuscripts in two phases. During the first phase, a panel of independent reviewers evaluates submitted manuscripts for technical and scientific merit. The reviewers score papers on two scales: contribution to health informatics theory, and application of health informatics theory to practical use. During the second phase, the finalists are judged on their oral presentation at the AMIA 2001 Annual Symposium.

# Categories of Submission

The types of submissions considered for AMIA 2001 and the general requirements for each is listed below. All submissions must conform to the format and presentation requirements outlined in this *Call for Participation*.

## PAPERS

The Scientific Program Committee solicits papers on the practice of health informatics and on original research involving theory and applications. Authors of accepted papers will have 15 minutes to present their work at the symposium with 5 minutes for questions and discussion. An individual may be first author of only one scientific paper.

*Paper submissions must not exceed a maximum of five camera-ready pages and must include*

- An abstract of between 125 and 150 words
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of all authors
- Not be in press or under consideration for publication elsewhere

## PANELS

Panel topics may be on a specific aspect of health informatics theory, application, or experience, or may provide interdisciplinary viewpoints that cut across traditional themes. Panels should be 60 minutes of presentation followed by 30 minutes available for audience questions and discussion. Panels will be limited to four participants and a moderator. An individual may organize only one panel, and an individual may not participate on more than two panels total.

*Panel proposals must not exceed a maximum of three pages and must include*

- A general description of the panel and the issue(s) that will be examined
- An abstract of 150 to 200 words that will serve as the basis for a description used in the online and print programs if accepted
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of the panel organizer and all panel participants
- A signed statement from the panel organizer that each participant has agreed to take part on the panel

## THEATER-STYLE DEMONSTRATIONS

Theater-style demonstrations are presented during program sessions, and most often illustrate one or more aspects of a system or electronic service that is in use, under development, or still in a conceptual stage. Depending on whether the Scientific Program Committee assigns one or two demonstrations to a session, each demonstration is 30 or 60 minutes long, with an additional 10 or 20 minutes for audience questions and comments. Authors will be informed during the summer as to the length of time that will be available for their presentation. An individual may be a first author of only one theater-style demonstration.

*Theater-style demonstration proposals must be submitted as a one-page abstract and must include*

- Background information (practical problem addressed and specific purposes of the system, service, or project); system description or, in the case of original research, the methodology; evaluation of the system, service, or project, or research results; and conclusions
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of the authors

## POSTERS

Posters are a vehicle for illustrating and discussing research results, products and services, experimental and in-practice projects and programs, and other matters related to health informatics. Each accepted poster is displayed in the late Monday afternoon, November 5 poster session or the late Tuesday afternoon, November 6 poster session. At least one author must be present at the poster session.

*Poster proposals must not exceed one camera-ready page and must include*

- A one paragraph abstract summarizing the submission of 75 to 100 words
- Background information (practical problem addressed and specific purposes of the system, service, or project); system description or, in the case of original research, the methodology; evaluation of the system, service, or project, or research results; and conclusions
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of the authors

## CASE STUDY POSTER PRESENTATIONS

The AMIA 2001 Annual Symposium will include sessions devoted specifically to case study poster presentations related to application of medical informatics innovations. These sessions provide a venue to share case studies that demonstrate either exemplary practices with successful outcomes or experiences that did not result in a successful outcome but that may offer useful lessons to others.

It is intended that these case studies will be drawn from a wide spectrum of health care settings, including healthcare systems, individual hospitals, clinics, group and individual practices, laboratory and pharmaceutical settings, etc.

*The case study poster presentation sessions differ from the regular AMIA scientific poster presentations in four ways:*

- The content focus is on lessons learned
- Posters will be clustered thematically into groups of six posters
- Each presenter will deliver a 10 minute presentation one or more times within the 90 minute session
- Each cluster will have a moderator to introduce the poster presenters, guide the session audience through the poster session, and to manage the overall discussion at the end of the session

The case study synopses will be published in the *Proceedings*.

*Case study synopses must not exceed one page and must include:*

- Background information including description of the problem that the medical informatics innovation was intended to address and the context of its implementation
- Description of the innovation
- Lessons learned
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of the authors



## STUDENT PAPERS

The Scientific Program Committee invites students to submit papers that describe complete or nearly complete research or development efforts in health informatics. Students may either submit their paper for consideration only in the Student Paper Competition, or for *combined* consideration in both the Student Paper Competition and as a regular paper. Student Paper *only* submissions are reviewed by the Student Paper Awards Committee and if selected as one of the eight finalists, will be included in the program. *Combined* Student Paper submissions are reviewed by the Student Paper Awards Committee and in the AMIA review process. If a combined submission is accepted in the AMIA review process, but not as one of the eight finalists in the Student Paper competition, the student is expected to present at the Annual Symposium. It is up to the student to ensure that he or she correctly identifies on the submission form which one of these is appropriate for his or her submission.

Individuals who as of March 1, 2001, are enrolled in a degree-granting program or in an academic program such as a medical residency or a post-doctoral fellowship are eligible to enter a paper into the Student Paper Competition. Work performed as part of a large, collaborative effort is acceptable; however, the student paper will be judged on the student's specific contributions to the project. Only individual students, not groups, may submit papers for consideration in the Student Paper Competition. Preparation of a manuscript must be entirely the work of the student, and single authorship is strongly encouraged. Co-authorship is usually limited to the student's academic advisor. Entries from international students are encouraged. All Student Paper Competition papers selected as finalists will be included in the *Proceedings*.

*Papers submitted for consideration in the Student Paper Competition must adhere to the same requirements as described in the Papers category, and in addition, student authors must provide*

- The name and address of their training program
- Their advisor's name and contact information
- A joint statement, signed by the student and the advisor, that identifies the student's specific contribution to the work presented, and attests that the student prepared the paper

## TUTORIALS

Half or full-day tutorials are dedicated to in-depth treatment of special topics and interests in health informatics. Half-day tutorials include three hours of instruction; full-day tutorials include six hours of instruction. The Scientific Program Committee seeks a balance between tutorials that have been presented previously at an AMIA meeting and those that are new, between general introductory and specialized advanced treatments, and between health informatics foundations and "hot topics."

All instructors should be available to present their tutorial on either Saturday, November 3, or Sunday, November 4, in either the morning or the afternoon.

*Tutorial proposals must not exceed four pages in length and must include*

- An abstract of 250 to 300 words that will serve as the basis for a description used in the online and print programs if accepted (see the tutorial descriptions in the AMIA 1999 Annual Symposium program for examples)
- A general description of the content of the tutorial
- An outline of topics to be covered
- A list of specific educational goals that attendees can expect to achieve
- A description of "who should attend"
- An indication of the level or combination of levels of the content (percentage of coverage basic, intermediate, and advanced)
- A description of prerequisites, if any
- The name of a reference from an organization that has previously sponsored the same or another tutorial of similar duration by the instructor if the instructor has not taught any tutorial previously at an AMIA meeting
- A preliminary list of audio-visual equipment that will be needed in the presentation
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of all instructors

Each tutorial will be awarded (a) one instructor honorarium of \$750; (b) reimbursement or partial reimbursement for one coach or economy airfare or other transportation up to a maximum of \$500; and (c) one night's lodging in the headquarters hotel for one instructor. For tutorials with more than one instructor, AMIA will split the \$750 honorarium among up to three instructors; however, travel expenses and lodging will be issued to only instructor. Please note that AMIA reserves the right to cancel any tutorial with fewer than 10 registrants as of the advance registration deadline, which is three weeks prior to the Annual Symposium.

## WORKSHOPS

Workshops, usually conducted on Saturday and Sunday evenings, are a means of promoting informal discussion among constituents sharing common interests. AMIA encourages submissions of proposals for workshops that will bring together individuals with different roles in developing, implementing, or using information technology that changes how we pursue health science or deliver health care.

*Workshop proposals must not exceed a maximum of three pages and must include*

- An abstract of 150 to 200 words that will serve as the basis for a description used in the online and print programs if accepted
- A description of the proposed workshop, how it will be conducted, a list of specific educational goals of the workshop, and a description of who should attend
- The names, academic degree(s), affiliations, and locations (city, state, and country, if international) of all workshop instructors/speakers

## BEST PRACTICES

### IN APPLIED INFORMATICS

The Scientific Program Committee seeks to identify submissions this year that discuss, describe, or demonstrate "best practices" in applied informatics in health care settings. Papers, panels, theater-style demonstrations, posters, and case study poster presentations are eligible. Authors may indicate on the online submission form if they would like their submission to be considered for designation as a "best practices" submission. This is a supplemental designation; all submissions must still fall into one of the categories of submission identified above and are subject to the same peer review process as all contributions in that category of submission.

## WORKING GROUP SUBMISSIONS

AMIA working groups members may make submissions in any one of the categories of submission described in this Call for Participation. Submissions must come from a member of the working group and be clearly identified on the on-line submission form as a working group submission. With the exception of administrative business meetings, all other working group submissions must fall into one of the categories described in this Call and are subject to the same submissions and review requirements, deadlines, and process as all other submissions in the appropriate category.

# Submission Format and Presentation Requirements

*Though* the submission process will be on-line, your submission will need to conform to certain requirements; some which are reminiscent of print format and presentation requirements. Certain categories of submissions will in fact appear in a print version of the *Proceedings*, and adherence throughout all categories of submissions ensures a consistency that facilitates the review process and preparation of both electronic and print publications.

All paper, abstract, and proposal attachments to the on-line submission form must conform to the requirements outlined below as well as to those enumerated for the specific submission categories in this *Call for Participation*.

- Attach your submission in one of the following formats: Word97 or Word 6.0/95 for Windows; Word 5.0 or 6.01 for Mac; WordPerfect 5.1 for DOS; Adobe Acrobat PDF. If your submission exceeds 200KB in length, submit it as a zipped file
- Be certain to adhere to the page length restrictions stated in the category descriptions
- Use 8.5 x 11 inch paper size with one inch margins left, right, top, and bottom

*Those who are limited to A4 paper size must be certain that their content will fit within the 5 page limit when converted to 8.5 x 11 inches*

- Place the title in 14 point Times Roman typeface, single-column, bolded, centered, initial capitals
- Include the names, credentials, institutions and locations of the author(s) or panelists using 12 point Times Roman typeface, single-column, bolded, centered, initial capitals below the title, exactly as they are to appear in the online and print programs and the *Proceedings*

*While forms of credentials and other author information are subject to minor revision by the AMIA office for the purpose of consistency or correction of obvious errors, it is the responsibility of the first author of each submission to provide full and accurate information about all authors named*

- Include the main text of the submission single spaced in 10 point Times Roman typeface, justified, two-column format with .5 inch between columns and do not number individual pages
- Use the following reference format: Cite all references in the text, tables, or figure legends. In the text, use 8 point superscript if possible to indicate reference numbers; if not possible, use 10 point numbers in brackets. Under a centered heading "References" at the end of the submission, provide a list of references cited, in order of occurrence in the manuscript, and with titles using initial capital only. List all authors of any cited work when there are six or fewer authors; if more than six, list only the first three followed by "et al". Follow the Vancouver Style (for further details, see [www.acponline.org/journals/resource/unifreqr.htm](http://www.acponline.org/journals/resource/unifreqr.htm))

## SUBMISSION DEADLINE

*Your submission must be submitted via the AMIA Web site no later than Monday, March 8, 2001.  
This is the deadline for all submissions. Authors will be notified of acceptance by mid-June.*

## Submission Instructions

Building on the work of the past three years, the submission process for the AMIA 2001 Annual Symposium will be electronic. All submissions must be made via the AMIA Web site. Submissions will be accepted at the AMIA Web site starting January 4, 2001, and must be submitted no later than March 8, 2001.

*To submit a paper, abstract, or proposal, at any time between January 4 and March 8, 2001:*

- Go to the AMIA Web site at [www.amia.org](http://www.amia.org) and select the AMIA 2001 Annual Symposium link. The AMIA 2001 Annual Symposium main page will be displayed
- From the AMIA 2001 Annual Symposium main page, select the link for author submissions. The AMIA on-line submission form will be displayed
- Complete the on-line submission form as instructed and attach your submission according to the directions provided on the form. Please note that authors will be asked to select a category and a number of keywords that best describe their submission. This list will be published at the AMIA web site in November

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4915 St. Elmo Avenue, Suite 401, Bethesda, MD 20814  
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Fax: 301.657.1296  
E-mail: [AMIA2001@mail.amia.org](mailto:AMIA2001@mail.amia.org)  
URL: [www.amia.org](http://www.amia.org)

# Identification of Keywords

*Authors will designate their keywords on the online submission form. Keywords are used to match submissions to reviewers and to help organize the papers accepted for the program. Please consider the following when choosing your keywords:*

## WHAT KINDS OF INFORMATION DOES OR WOULD THE SYSTEM OR PROCESS DESCRIBE?

- Clinical data - molecular, genetic
- Clinical data - multimedia: images, signals, sound
- Clinical data - laboratory, notes, reports, diagnoses, etc.
- Communications
- Financial / Administrative
- Guidelines and protocols
- Knowledge
- Processes

## WHAT KIND OF PROCESSING IS THE MAJOR FOCUS OF THE SYSTEM OR INFORMATION BEING DESCRIBED?

- Communication
- Data acquisition
- Data analysis / Data processing
- Data storage and retrieval
- Decision support
- Modeling
- Presentation of data
- Simulation
- Standards
- Workflow

## WHO ARE THE INTENDED USERS FOR THE SYSTEM OR INFORMATION DESCRIBED?

- Allied health practitioners
- Computer scientists / Systems analysts
- Dentists
- Health care administrators
- Informaticians
- Informatics trainees
- Nurses
- Nursing students
- Patients / Consumers
- Primary care providers
- Resident physicians / Medical students
- Specialty care providers
- Systems developers
- Other health care providers
- Other

## WHERE IS THE SYSTEM OR INFORMATION USED OR INTENDED TO BE USED?

- Ambulatory practice
- Classroom
- Community-wide / Region-wide
- Emergency department
- Health system (multiple hospitals, medical school, etc)
- Home
- Hospital wards / Inpatient
- ICU
- Laboratory
- Library
- Operating room
- Other

## WHAT ISSUES OR OUTCOMES DOES THE SYSTEM OR INFORMATION ADDRESS?

- Clinical outcomes / Patient status
- Confidentiality / Security
- Economics / Costs
- Education / Training / Learning
- Ethical and legal issues
- Human factors and user interface
- Organizational impact and change
- Satisfaction
- Technical Feasibility



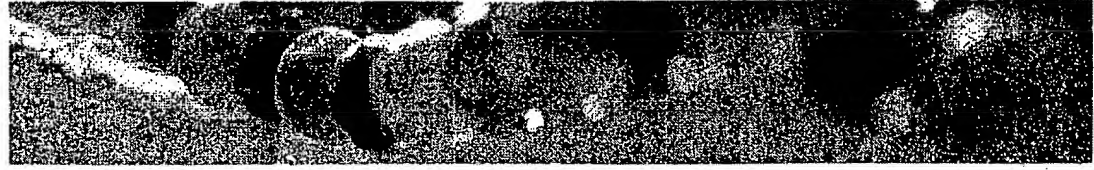
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A Medical Informatics Odyssey  
Visions of the Future and Lessons from the Past*

November 3-7, 2001  
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# Call for Participation

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## Submission Format and Presentation Requirements

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Though the submission process will be on-line, your submission will need to conform to certain requirements; some of which are reminiscent of print format and presentation requirements. Certain categories of submissions will in fact appear in a print version of the Proceedings, and adherence throughout all categories of submissions ensures a consistency that facilitates the review process and preparation of both electronic and print publications.

All paper, abstract, and proposal attachments to the on-line submission form must conform to the requirements outlined below as well as to those enumerated for the specific submission categories in this Call for Participation.

- Attach your submission in Word (Windows 2000 or earlier or Mac 6.0 or earlier); WordPerfect 5.1 for DOS; Adobe Acrobat PDF. If your submission exceeds 200KB in length, submit it as a zipped file
- Be certain to adhere to the page length restrictions stated in the category descriptions
- Use 8.5 x 11 inch paper size with one inch margins left, right, top, and bottom

Those limited to A4 paper size must be certain that their content will fit within the 5 page limit when converted to 8.5 x 11 inches

- Place the title in 14 point Times Roman typeface, single-column, bolded, centered, initial capitals
- Include the names, credentials, institutions and locations of the author(s) or panelists using 12 point Times Roman typeface, single-column, bolded, centered, initial capitals below the title, exactly as they are to appear in the on-line and print programs and the Proceedings

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- Include the main text of the submission single spaced in 10 point Times Roman typeface, justified, two-column format with 0.5 inch between columns
- Do not number individual pages
- Use the following reference format: Cite all references in the text, tables, or figure legends. In the text, use

8 point superscript if possible to indicate reference numbers; if not possible, use 10 point numbers in brackets. Under a centered heading "References" at the end of the submission, provide a list of references cited, in order of occurrence in the manuscript, and with titles using initial capital only. List all authors of any cited work when there are six or fewer authors; if more than six, list only the first three followed by "et al". Follow the Vancouver Style (for further details, see [www.icmje.org/index.html](http://www.icmje.org/index.html))

#### **Submission Deadline**

Your submission must be submitted via the AMIA Web site no later than Wednesday, March 6, 2002. This is the deadline for all submissions. Authors will be notified of acceptance by mid-June.

#### **Submission Instructions**

All submissions must be made via the AMIA Web site. Submissions will be accepted at the AMIA Web site starting January 3, 2002, and must be submitted no later than March 6, 2002.

To submit a paper, abstract, or proposal, at any time between January 3 and March 6, 2002

- Go to the AMIA Web site at [www.amia.org](http://www.amia.org) and select the AMIA 2002 Annual Symposium link. The AMIA 2002 Annual Symposium main page will be displayed
- From the AMIA 2002 Annual Symposium main page, select the link for author submissions. The AMIA on-line submission form will be displayed
- Complete the on-line submission form as instructed and attach your submission according to the directions provided on the form. Please note that authors will be asked to select a category and a number of keywords that best describe their submission that are mainly used for the author/reviewer match.

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Dear Mr. Donner,

The full text of papers accepted for the 1998 AMIA Annual Symposium did not become publicly available in 1998 until the Proceedings were distributed at the Symposium in November of that year. The only people who would have seen any paper, eventually published in the Proceedings, prior to November would have been (a) 3 reviewers who read a paper and submitted confidential comments to the Scientific Program Committee; and (b) a subset of the fourteen-person Scientific Program Committee whose charge it was to make the final decisions on which papers would be presented at the November Symposium. Both the three person panel reviewers and the fourteen-person Scientific Committee were under an obligation to maintain the content of the papers as confidential. The papers not selected by the Scientific Program Committee were returned to the first authors and not made available by AMIA to anyone outside the Committee.

No one else had access to any paper, either accepted or rejected, through the AMIA mechanism or release prior to November 1998.

Sincerely,

Dennis Reynolds  
Executive Director

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